

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	(AARTS adj2 ROBERT).inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 15:37
L2	34	(NIELSEN adj2 PETER adj2 DAM). inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 15:38
L3	215	pars\$3 near5 (hypermedia or hypertext)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 15:38
L4	2	(NIELSEN adj2 PETER adj2 DAM). inv. and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 15:38
L5	2	(DAVIS and FRANKLIN).inv. and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 15:39
L6	1	(nokia).asn. and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 15:41
L7	35	(dynamic\$ or automatic\$) near5 (present\$ or display\$) with (small adj3 screen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 15:45
L8	1	(dynamic\$ or automatic\$) near5 (present\$ or display\$) with (small adj3 screen) and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 15:54
L9	8121	((790/218) or (709/219) or (715/523) or (715/503) or (715/501.1) or (715/500) or (707/501)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/01 15:57
L10	2	L9 and L7	USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/01 15:57
L11	2	L9 and L7	USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 15:57
S1	1	"20030126136"	USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/01 12:01

## EAST Search History

S2	2	"6569604".pn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/31 17:37
S3	2	"6569604".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:26
S4	18	dynamic\$5 with (assign\$ or attach\$3 or insert\$3 ) with shortcut	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:27
S5	3	dynamic\$5 with (assign\$ or attach\$3 or insert\$3 ) with (shortcut near5 keyboard)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:29
S6	3	dynamic\$5 with (assign\$ or attach\$3 or insert\$3 ) with (shortcut with keyboard)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:30
S7	18	dynamic\$5 with (assign\$ or attach\$3 or insert\$3 ) with (shortcut)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:30
S8	3	(dynamic\$5 with (assign\$ or attach\$3 or insert\$3 ) with (shortcut)) same keyboard	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:30
S9	9	(dynamic\$5 with (assign\$ or attach\$3 or insert\$3 ) with (shortcut)) and keyboard	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 12:10
S10	6	(dynamic\$5 with (assign\$ or attach\$3 or insert\$3 ) with (shortcut)) and ( shortcut same keyboard)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:31
S11	8	(dynamic\$5 with (assign\$ or attach\$3 or insert\$3 ) with (shortcut)) and ( shortcut same key)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:31
S12	11	(dynamic\$5 with (assign\$ or attach\$3 or insert\$3 ) with (shortcut)) and key	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:38
S13	12	(dynamic\$5 with (assign\$ or attach\$3 or insert\$3 or display\$3 ) with ((shortcut or keyboard or key) near5 attribute) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/01 10:39

## EAST Search History

S14	0	60/300385	USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/01 12:00
S15	1	"60300385"	USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/01 12:00
S16	1	"20030126136"	USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/01 12:10
S17	8	(dynamic\$5 with (assign\$ or attach\$3 or insert\$3 ) with (shortcut)) and keyboard	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:10
S18	1	"20030126136"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:37
S19	12	pars\$3 near5 hypermedia	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:48
S20	215	pars\$3 near5 (hypermedia or hypertext)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:38
S21	6354	pars\$3 near5 (hypermedia or hypertext or html or xml or dhtml or xhtml)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:39
S22	19	(assign\$3 or attach\$3 or insert\$3 or attribut\$3) with ((shortcut or (keyboard adj4 access)) near5 link)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:41
S23	3	S21 and S22	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:41
S24	27	((pars\$3 or extract\$3 or remov\$3 or copy\$3) near5 (hypermedia adj3 link))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:49
S25	29	((pars\$3 or extract\$3 or remov\$3 or copy\$3) near5 (hypermedia near5 link))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:49
S26	0	((pars\$3 or extract\$3 or remov\$3 or copy\$3) near5 (hypermedia near5 link)) with dynamic\$	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:49
S27	0	dynamic\$5 same((pars\$3 or extract\$3 or remov\$3 or copy\$3) near5 (hypermedia near5 link))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:49
S28	0	(dynamic\$5 or automatically) same((pars\$3 or extract\$3 or remov\$3 or copy\$3) near5 (hypermedia near5 link))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:50

## EAST Search History

S29	1	(dynamic\$5 or automatically) with ((pars\$3 or extract\$3 or remov\$3 or copy\$3) with (hypermedia near5 link))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:52
S30	30	((pars\$3 or extract\$3 or remov\$3 or copy\$3) with (hypermedia near5 link))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:53
S31	1008	((pars\$3 or extract\$3 or remov\$3 or copy\$3) with ((hypermedia or web or internet) near5 link))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:53
S32	47	(dynamic\$5 or automatically) with((pars\$3 or extract\$3 or remov\$3 or copy\$3) with ((hypermedia or web or internet) near5 link))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 12:54
S33	1	(dynamic\$5 or automatically) with((pars\$3 or extract\$3 or remov\$3 or copy\$3) with ((hypermedia or web or internet) near5 link))and ((shortcut or (keyboard adj4 access)) near5 link)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/06/01 15:34

Set	Items	Description
S1	5751	(HTML OR (HYPERTEXT OR HYPER()TEXT)()) (MARK()UP OR MARKUP) (-)LANGUAG?) (3N) (DOC? ? OR DOCUMENT? OR FILE? ? OR DATA OR INFORMATION? OR RECORD? OR OBJECT? OR CONTENT? OR PAGE? ? OR LETTER?)
S2	249757	HOMEPAGE? OR HOME()PAGE? OR FRONTPAGE? OR FRONT()PAGE? OR - SITE? OR WEBSITE? OR WEB()SITE? OR WEBPAGE? OR WEB()PAGE?
S3	26404	S1:S2(7N) (FRACTION? OR PART??? OR PORTION? OR SUBSET? OR FRAGMENT? OR PIECE? OR SEGMENT? OR DETAIL? OR ELEMENT? OR ASPECT?)
S4	26695	S1:S3(7N) (REMOV? OR SORT? OR SELECT? OR SEPARAT? OR CULL? - OR EXTRACT? OR SELECT? OR GLEAN? OR PARS??? ?)
S5	14911	S1:S3(7N) (MODIF? OR REVIS??? OR REMODEL? OR ADAPT? OR CHANGE? ? OR CHANGING? OR CUSTOM? OR RESTOR?)
S6	1289	S4:S5(7N) (DYNAMIC? OR AUTOMATIC? OR SMART? OR PERPETUAL? OR INTUIT? OR SELF OR SELF()DIRECT? OR INTELLIGENT?)
S7	18450	KEYBOARD?(3N) (SHORTCUT? OR (FUNCTION? OR ACCESS? OR HOT OR QUICK?) ()KEY? ?) OR HOTLINK? OR MACRO? ?
S8	22030	(FUNCTION? OR ACCESS? OR HOT OR QUICK?) (2N) (KEY? ? OR BUTTON?)
S9	7130	S7:S8(5N) (PRESELECT? OR PRE()SELECT? OR SELECT? OR PICK??? OR CHOOSE? OR PREDETERMIN? OR PRE()DETERMIN? OR CHOSEN OR IDENT? OR SPECIF? OR DESIGNAT? OR INDICAT? OR DESIR???)
S10	13	S6 AND S7:S9
S11	3174	S3(7N) (REMOV? OR SORT? OR SELECT? OR SEPARAT? OR CULL? OR - EXTRACT? OR SELECT? OR GLEAN? OR PARS??? ?)
S12	5	S11 AND S9
S13	5	S12 NOT S10
S14	144	S11 AND S1
S15	5589037	REDIRECT? OR SWITCH? OR SWAP OR TRANSMI? OR BEAM? OR SEND? ? OR IMPORT? OR SENT? OR TRANSFER? OR FORWARD?
S16	359957	(COMPUTER? OR CLIENT??? OR DESKTOP?? OR LAPTOP?? OR PC OR - TERMINAL? OR WORKSTATION?) (3N) (DEVICE? OR INSTRUMENT? OR MECHANISM? OR MACHINE? ? OR UNIT? OR APPARAT? OR HARDWARE?)
S17	208571	(CELL OR CELLPHONE? OR CELLULAR? OR CELL()PHONE? OR PALM() - PILOT? OR HANDSET? ? OR USER? ? OR PDA) (3N) (DEVICE? OR INSTRUMENT? OR MECHANISM? OR MACHINE? ? OR UNIT? OR APPARAT? OR HARDWARE?)
S18	11	S15 AND S14 AND S17
S19	11	S18 NOT (S10 OR S12:S13)
S20	37	S11 AND S15 AND S16 AND S17
S21	125	S6 AND S17
S22	7	S20:S21 AND S7:S9
S23	29	S10 OR S12:S13 OR S18:S19
S24	1	S22 NOT S23
S25	235	S6 AND (PARS??? ? OR EXTRACT?)
S26	76	S25 AND S5
S27	6	S26 AND S17
S28	1	S25 AND S9
S29	2	S25 AND S7:S9
S30	30	S23:S24 OR S28
S31	0	S29 NOT S30
S32	6527	(HTML OR (HYPERTEXT OR HYPER()TEXT)()) (MARK()UP OR MARKUP) (-)LANGUAG?) (10N) (DOC? ? OR DOCUMENT? OR FILE? ? OR DATA OR INFORMATION? OR RECORD? OR OBJECT? OR CONTENT? OR PAGE? ? OR LETTER?)
S33	1117	S32 AND (PARS??? OR EXTRACT? OR PARE? ? OR PARING)
S34	9	S33 AND S7:S9
S35	8	S34 NOT S30
S36	603079	(PARS??? OR EXTRACT? OR PARE? ? OR PARING OR EDIT??? OR SELECT? OR REMOV?) (10N) (DOC? ? OR DOCUMENT? OR FILE? ? OR DATA -

OR INFORMATION? OR RECORD? OR OBJECT? OR CONTENT? OR PAGE? OR  
LETTER?)

S37 4435 S36 AND S7:S9  
S38 1695 S37 AND S9  
S39 1192 S7:S9(7N) (DYNAMIC? OR AUTOMATIC? OR SMART? OR PERPETUAL? OR  
INTUIT? OR SELF OR SELF()DIRECT? OR INTELLIGENT?)  
S40 89 S38 AND S39  
S41 6 S40 AND S15 AND S17  
S42 38 S30 OR S35  
S43 6 S41 NOT S42  
S44 188 S37 AND (S1:S2 OR S32 OR HYPERMEDIA?)  
S45 14 S44 AND S39  
S46 12 S45 NOT S42:S43

File 350:Derwent WPIX 1963-2007/UD=200734

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File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)

(c) 2007 JPO & JAPIO

Set	Items	Description
S1	392931	(PARS??? OR EXTRACT? OR PARE? ? OR PARING OR EDIT??? OR SELECT? OR REMOV? OR (CUT OR CUTS OR CUTT???) ()OUT? ?) (10N) (DOC? ? OR DOCUMENT? OR FILE? ? OR DATA OR INFORMATION? OR RECORD? OR OBJECT? OR CONTENT? OR PAGE? OR LETTER?)
S2	1888068	MARK??? OR TAG OR TAGS OR TAGG??? OR IDENT? OR SELECT? OR - INDICAT? OR SPECIF?
S3	33585	KEYBOARD?(3N) (SHORTCUT? OR (FUNCTION? OR ACCESS? OR HOT OR QUICK? OR OPERATION?) ()KEY? ?) OR HOTLINK? OR MACRO? ?
S4	49439	(FUNCTION? OR ACCESS? OR HOT OR QUICK? OR OPERAT?) (2N) (KEY? ? OR BUTTON?)
S5	15227	S3:S4(7N) (PRESELECT? OR PRE()SELECT? OR SELECT? OR PICK??? OR CHOOSE? OR PREDETERMIN? OR PRE()DETERMIN? OR CHOSEN OR IDENT? OR SPECIF? OR DESIGNAT? OR INDICAT? OR DESIR???)
S6	2289	S3:S5(7N) (DYNAMIC? OR AUTOMATIC? OR SMART? OR PERPETUAL? OR INTUIT? OR SELF OR SELF()DIRECT? OR INTELLIGENT?)
S7	392	S1(100N)S2(100N)S6
S8	392	S7(100N)S1(50N)S2(50N)S6
S9	392	S8(100N)S1(10N)S2(10N)S6
S10	18344	(HYPERMEDIA? OR HYPER()MEDIA? OR HTML OR (HYPERTEXT OR HYPER()TEXT) () (MARK()UP OR MARKUP) ()LANGUAG?) (10N) (DOC? ? OR DOCUMENT? OR FILE? ? OR DATA OR INFORMATION? OR RECORD? OR OBJECT? OR CONTENT? OR PAGE? ? OR LETTER?)
S11	8	S9(100N)S10
S12	10	S9(100N) (HYPERMEDIA? OR HYPER()MEDIA? OR HTML OR (HYPERTEXT OR HYPER()TEXT) () (MARK()UP OR MARKUP) ()LANGUAG?)
S13	2	S12 NOT S11
S14	3528	(PARS??? OR EXTRACT? OR PARE? ? OR PARING OR EDIT??? OR SELECT? OR REMOV?) (10N) (HYPERMEDIA? OR HYPER()MEDIA? OR HTML OR (HYPERTEXT OR HYPER()TEXT) () (MARK()UP OR MARKUP) ()LANGUAG?)
S15	2	S14(100N)S2(100N)S6
S16	142	S14(100N)S2(100N)S3:S6
S17	10	S11:S13
S18	0	S15 NOT S17
S19	35	S16(100N) (PARS??? OR EXTRACT? OR PARE? ? OR PARING)
S20	34	S19 NOT S17

File 348:EUROPEAN PATENTS 1978-2007/ 200722

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File 349:PCT FULLTEXT 1979-2007/UB=20070525UT=20070518

(c) 2007 WIPO/Thomson

Set	Items	Description
S1	1722	(PARS??? OR EXTRACT? OR PARE? ? OR PARING OR EDIT??? OR SELECT? OR REMOV?) (10N) (HYPERMEDIA? OR HYPER()MEDIA? OR HTML OR (HYPERTEXT OR HYPER()TEXT) () (MARK()UP OR MARKUP) () LANGUAG?)
S2	729022	(PARS??? OR EXTRACT? OR PARE? ? OR PARING OR EDIT??? OR SELECT? OR REMOV? OR (CUT OR CUTS OR CUTT???) () OUT? ?) (10N) (DOC? ? OR DOCUMENT? OR FILE? ? OR DATA OR INFORMATION? OR RECORD? OR OBJECT? OR CONTENT? OR PAGE? OR LETTER?)
S3	16722730	MARK??? OR TAG OR TAGS OR TAGG??? OR IDENT? OR SELECT? OR - INDICAT? OR SPECIF?
S4	84314	KEYBOARD?(3N) (SHORTCUT? OR (FUNCTION? OR ACCESS? OR HOT OR QUICK? OR OPERATION?) () KEY? ?) OR HOTLINK? OR MACRO? ?
S5	24334	(FUNCTION? OR ACCESS? OR HOT OR QUICK? OR OPERAT?) (2N) (KEY? ? OR BUTTON?)
S6	5626	S4:S5(7N) (PRESELECT? OR PRE()SELECT? OR SELECT? OR PICK??? OR CHOOSE? OR PREDETERMIN? OR PRE()DETERMIN? OR CHOSEN OR IDENT? OR SPECIF? OR DESIGNAT? OR INDICAT? OR DESIR???)
S7	3123	S4:S6(7N) (DYNAMIC? OR AUTOMATIC? OR SMART? OR PERPETUAL? OR INTUIT? OR SELF OR SELF()DIRECT? OR INTELLIGENT?)
S8	52	S1:S2 AND S3 AND S7
S9	33	S8 NOT (PY>2001 OR PY=2002:2007)
S10	25	RD (unique items)
File	2:INSPEC	1898-2007/May W3 (c) 2007 Institution of Electrical Engineers
File	6:NTIS	1964-2007/Jun W1 (c) 2007 NTIS, Intl Cpyrght All Rights Res
File	8:Ei Compendex(R)	1884-2007/May W3 (c) 2007 Elsevier Eng. Info. Inc.
File	34:SciSearch(R)	Cited Ref Sci 1990-2007/Jun W1 (c) 2007 The Thomson Corp
File	35:Dissertation Abs Online	1861-2007/May (c) 2007 ProQuest Info&Learning
File	56:Computer and Information Systems Abstracts	1966-2007/May (c) 2007 CSA.
File	60:ANTE: Abstracts in New Tech & Engineer	1966-2007/May (c) 2007 CSA.
File	62:SPIN(R)	1975-2007/May W2 (c) 2007 American Institute of Physics
File	65:Inside Conferences	1993-2007/Jun 01 (c) 2007 BLDSC all rts. reserv.
File	95:TEME-Technology & Management	1989-2007/May W4 (c) 2007 FIZ TECHNIK
File	99:Wilson Appl. Sci & Tech Abs	1983-2007/Apr (c) 2007 The HW Wilson Co.
File	111:TGG Natl.Newspaper Index(SM)	1979-2007/May 28 (c) 2007 The Gale Group
File	144:Pascal	1973-2007/May W3 (c) 2007 INIST/CNRS
File	239:Mathsci	1940-2007/Jul (c) 2007 American Mathematical Society
File	256:TecInfoSource	82-2007/Sep (c) 2007 Info.Sources Inc
File	434:SciSearch(R)	Cited Ref Sci 1974-1989/Dec (c) 2006 The Thomson Corp
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group



10/7/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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06224455 INSPEC Abstract Number: C9605-0220-110

**Title: Tools for visual exploration of scope and parameter passing in a programming languages course**

Author(s): Naps, T.L.; Stenglein, J.

Author Affiliation: Lawrence Univ., Appleton, WI, USA

Journal: SIGCSE Bulletin Conference Title: SIGCSE Bull. (USA)

vol.28,

no.1 p.305-9

Publisher: ACM,

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Material Identity Number: S270-96001

Conference Title: Twenty-Seventh SIGCSE Technical Symposium on Computer Science Education

Conference Sponsor: ACM

Conference Date: 15-18 Feb. 1996 Conference Location: Philadelphia, PA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: In a programming languages course, a student must struggle with numerous parameter passing techniques and also with different means of resolving the scope of variables that are not local to a procedure. Parameter passing methods typically studied include value, reference, copy-restore (value-result), and **macro** (pass-by-name). Scope resolution techniques include **dynamic** and static scoping, with static scoping implemented either by static chains or displays. Coping with all of these issues requires that the student have a solid understanding of the stack of activation records that is maintained by an executing program. We have developed a miniature Pascal-like language and accompanying user environment (called PSVE) expressly designed to allow exploration of parameter passing and scoping questions. By providing links to the GAIGS algorithm visualization system, the PSVE system allows a student to view a graphical rendering of the stack of activation **records** at user-selected

key points of program execution. (7 Refs)  
Subfile: C  
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